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| <b>Application No</b> |  |
|-----------------------|--|
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09/934,012

Examiner

Mark Fadok

Applicant(s)

MILLER, KENNETH J.

Art Unit

3625

Rejected Allowed

(Through numeral) Cancelled

Restricted

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Non-Elected Ν ١ Interference

**Appeal** Α 0 Objected

|                 |   | Ц        |            |          |          |              | J        |              | Ц  |           |
|-----------------|---|----------|------------|----------|----------|--------------|----------|--------------|--|-----------|
| Cli             | aim   | T        |            |          |          | Da           | te       |              |  |           |
| Final           | Original  | 10 -30-a |            |          |          |              |          |              |  |           |
|                 | 1   | 1        | <b>!</b> — |          | 1-       | +            | +        |              | +  |           |
|                 | 2   | Ť        |            | t        | $\vdash$ | 1            | T        | 1            | T  | t         |
|                 | 3   | L        |            |          |          | 1            |          | $\top$       |  |           |
|                 | 4   |          |            |          |          | $\Box$       |          |              |  |           |
|                 | 5   | <u> </u> | L          |          |          |              |          | L.           |  |           |
|                 | 6   | ļ        |            |          | <u> </u> | 上            |          | <u> </u>     |  |           |
| <u> </u>        | 1<br>2<br>3<br>4<br>5<br>6<br>7                   | ╄        | _          |          | L        | <b>-</b>     | ╄        | ـــــ        | ↓_   | L         |
| <u> </u>        | 8   |          | ⊢          | ļ        | ⊢        | +            | $\vdash$ | ┼            | ╄  | -         |
|                 | 9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17 | ├-       | $\vdash$   | ├        | ┝        | ╁            | +        | ╀            | +-   |           |
| <u> </u>        | 11  | ┝        |            | -        | -        | $\vdash$     | -        | +            | ┼  | Н         |
| <del></del>     | 12  | 1        | -          | $\vdash$ | ┢        | ╁╴           | ╆        | 1            | ╁-   | H         |
|                 | 13  | <u> </u> |            |          | H        | ╁╌           | ╁        | +            | 1  | -         |
|                 | 14  |          | 1          |          | t        | t            | 1-       | ┢            | 1  | Н         |
|                 | 15  |          |            |          |          | 1            | T        | 1            |  | П         |
|                 | 16  |          |            |          |          |              |          |              |  |           |
|                 | 17  |          |            |          |          |              |          |              |  |           |
|                 | 18  |          |            |          |          |              |          |              |  |           |
| <u> </u>        | 19  | ļ        |            |          | L        | ļ.,          |          | _            | L  |           |
|                 | 20  | L        |            |          | ļ        | <u> </u>     | ļ        | ┖            | <u> </u>   |           |
|                 | 21  |          |            | _        | <u> </u> | 1            | ╁_       |              | <u> </u>   | Ļ         |
|                 | 22<br>23<br>24                                    | -        |            |          | ļ        | ├            | ╀        | ├            | <del> </del> —                                   | $\square$ |
| <del> </del>    | 23  | -        |            | <u> </u> | -        | ⊢            | ⊢        | -            | ₩  | $\vdash$  |
|                 | 25  |          |            |          | <u> </u> | ╁            | ┼        | 1            | ├-   | Н         |
|                 | 26  |          |            |          |          | ├-           | ╁        | <del> </del> | $\vdash$   | $\vdash$  |
|                 | 27  | П        |            |          |          |              | †        |              | <del>                                     </del> | $\vdash$  |
|                 | 27<br>28  |          |            |          | $\vdash$ | †-           |          |              |  | М         |
|                 | 29  |          |            |          |          | 1            |          |              |  | П         |
|                 | 30<br>31  |          |            |          |          |              |          |              |  |           |
| <u></u>         | 31  |          |            |          | L        |              |          |              |  |           |
|                 | 32  |          | _          |          |          |              | L        | <u> </u>     |  |           |
|                 | 33<br>34  |          |            |          |          |              | <u> </u> |              | _  | Щ         |
|                 | 35  |          | $\dashv$   |          |          |              | -        | ├            | <u> </u>   | Щ         |
|                 | 36  |          | 4          |          | _        | $\vdash$     | ├        |              | $\vdash$   | Н         |
| $\vdash \dashv$ | 37  | $\vdash$ |            |          |          | $\vdash$     | $\vdash$ | _            | $\vdash$   | $\dashv$  |
| $\vdash$        | 38  | $\vdash$ |            |          | <u>_</u> | $\vdash$     | -        | $\vdash$     | $\vdash$   | -         |
|                 | 39  |          | $\dashv$   |          |          | <del> </del> |          |              | $\vdash$   | $\vdash$  |
|                 | 40  |          | _          |          |          | $\vdash$     |          | ┢            | Н  | $\dashv$  |
|                 | 41  |          | _†         |          |          |              | T        | Γ            | $\Box$   | $\Box$    |
|                 | 42  |          |            |          |          |              |          |              |  |           |
|                 | 43  | $\Box$   | $\Box$     |          |          |              |          |              |  |           |
|                 | 44  | $\Box$   | _          |          |          |              |          |              |  | $\Box$    |
| <u> </u>        | 45  |          | _          | _        |          |              | L        | _            |  | _         |
|                 | 46  | $\dashv$ |            | _        |          |              | <u> </u> | L            |  |           |
|                 | 47  | $\dashv$ |            | 4        |          | <u> </u>     | _        |              | $\sqcup$   |           |
|                 | 48<br>49  |          | $\dashv$   | 4        | _        | _            | <u> </u> | H            | -  | $\dashv$  |
|                 | 50  | -+       | -          | $\dashv$ |          | -            | -        | _            |  | $\dashv$  |
|                 | JU  | _ 1      |            |          |          |              |          |              |  | - 1       |

| С           | laim     | Date   |          |                |          |                   |          |                |              |                 |
|-------------|----------|--|----------|----------------|----------|-------------------|----------|----------------|--------------|-----------------|
|             |          |  |          | Τ              | Τ        | Τ                 |          | Τ              | Т            | Τ               |
| <u></u>     | Original |  |          |                |          |                   | 1        |                |              |                 |
| Final       | .E       |  | 1        |                |          |                   |          |                |              |                 |
| -           | 0        |  | 1        |                |          |                   |          |                |              | ł               |
| <del></del> | 51       | $\vdash$   | ┼        | ╁              | +-       | +                 | +-       | ╁              | ┼            | +               |
| -           | 151      |  | -        | ╁              | ╁        | +-                | ╁        | ╀              | ╀            | +-              |
|             | 52<br>53 | ├  | 1        | ╀              | -        | ╁                 | +        | ┿              | ╄            | ┼-              |
|             | 53       |  | ↓_       | ╀              | 4_       | ╁                 | $\bot$   | ļ              | $\perp$      | ╄               |
|             | 54       | ┡  | <u> </u> | ┶              | 1        | <u> </u>          | ↓_       | ↓_             | $\perp$      | $\perp$         |
|             | 55       | L.   | <u> </u> | ↓              | $\perp$  | ļ                 |          |                |              | <u> </u>        |
|             | 56       | L  | <u> </u> | 上              | ┖        | 1_                |          |                |              |                 |
|             | 57       |  |          |                |          | L.                |          |                |              |                 |
|             | 58       |  |          |                |          | $\prod_{i=1}^{n}$ |          |                | П            | Ţ_              |
|             | 59       |  |          | Ι_             | Τ        |                   |          | Ī              |              |                 |
|             | 60       |  |          |                | T        | Τ                 |          | Т              |              |                 |
|             | 61       |  |          | T              | Ť        | T                 | 1        | <b>†</b>       |              | $\vdash$        |
|             | 62       | Ī  | $\vdash$ | $\top$         | 1 -      |                   | <b>†</b> | T              | †            | $\vdash$        |
|             | 63       | _  |          | 1              | T        | +                 | †        | $\vdash$       | 1-           | $\vdash$        |
|             | 64       |  | Н        | 十              | +        | +                 | +        | <del>  -</del> | $\vdash$     | +               |
|             | 65       | <del>                                     </del> | $\vdash$ | +              | +        | +                 | +-       | $\vdash$       | +            | $\vdash$        |
|             | 66       |  | H        | ┼              | +        | +-                | $\vdash$ | ╁              | ┼─           | ┢               |
| -           | 67       |  |          | $\vdash$       | ┼        | ╆                 | ╁        | ⊢              | $\vdash$     | ┼               |
| -           | 60       | $\vdash$   | ├        | ╁              | +        | -                 | ┼        | ļ              | ₩            | ┾┈              |
| -           | 68       |  | ├-       | ╄              | ┼-       | ╄                 | ╄-       | ļ              | <u> </u>     | ļ               |
| <u> </u>    | 69       |  | _        | ↓_             | ↓_       | ╄                 | ļ        | _              | 1            | <u>L</u> .      |
| <u> </u>    | 70       |  |          | _              | ╙        | <u> </u>          | <u> </u> | <u> </u>       | $oxed{oxed}$ | L               |
| L           | 71       | <u> </u>   | _        | <u> </u>       | _        | <u>L</u>          |          | <u> </u>       | L            | L               |
| ļ           | 72       |  |          | L              |          |                   |          | L              |              |                 |
| <u> </u>    | 73<br>74 |  |          |                |          |                   |          |                |              |                 |
| Ĺ           | 74       |  |          |                |          |                   |          |                | Γ            |                 |
|             | 75       |  |          | П              |          |                   |          | Ī              |              |                 |
|             | 76       |  |          |                |          |                   |          |                |              | 1               |
|             | 77       | -  |          | 1              | Г        |                   |          | l              | $\vdash$     | <b>—</b>        |
|             | 78       |  |          | Т              | $\top$   | ┢                 |          | t              | Ι-           |                 |
|             | 79       |  |          | $\vdash$       | T        | ╆┈                | t        | $\vdash$       | -            | H               |
|             | 80       |  |          | ├─             | $\vdash$ | $\vdash$          | $\vdash$ | -              | -            | -               |
| _           | 81       |  | -        | <del> </del> - | ╁        | ┼                 | ⊢        |                | -            | ├               |
|             | 82       |  | _        |                | ╁        | ┼┈                | ⊢        | -              | $\vdash$     | -               |
|             | 83       |  |          | -              | ⊢        | ╁                 | ⊢        | -              | -            | $\vdash$        |
| -           | 84       |  | <u> </u> | $\vdash$       | -        | $\vdash$          | ├—       | ├              | ⊢            | $\vdash$        |
| <u> </u>    | 85       | $\dashv$   |          | $\vdash$       | Ͱ        | ├                 | -        | ⊢              | <u> </u>     | $\vdash$        |
| -           | 00       | $\dashv$   |          | <u> </u>       | ₩        | ⊢-                | _        | <u> </u>       | ├-           | $\vdash \dashv$ |
| <u> </u>    | 86       | _  | <u> </u> | $\vdash$       | ļ_       | <b>—</b>          | <u> </u> | <u> </u>       | <u> </u>     | Ш               |
| <u> </u>    | 87       |  |          |                | L        |                   | <u> </u> | <u> </u>       | <u>L</u>     | Щ               |
| <u> </u>    | 88       |  |          |                | <u> </u> | ļ                 | L        | <u> </u>       | <u> </u>     | Ш               |
| ļ           | 89       |  |          |                | <u> </u> |                   | <u> </u> | L_             | L            | Ш               |
| <u> </u>    | 90       |  |          |                | <u></u>  |                   |          | L_             |              | L]              |
|             | 91       |  |          |                |          | L                 | L        |                | L            |                 |
|             | 92       |  |          |                | L        | L                 | L        |                |              |                 |
|             | 93       |  |          | L              |          |                   |          |                |              | П               |
|             | 94       |  |          |                |          |                   |          |                |              | $\Box$          |
|             | 95       |  |          |                |          |                   |          |                |              |                 |
|             | 96       |  |          |                | $\vdash$ | $\vdash$          |          | -              |              | Н               |
|             | 97       | ヿ  |          | -              |          |                   | Н        | $\vdash$       | -            | $\dashv$        |
|             | 98       | $\dashv$   |          |                |          | $\vdash$          | $\vdash$ | Н              | _            | $\dashv$        |
| <del></del> | 99       | $\dashv$   |          |                | -        |                   | $\vdash$ | -              |              | $\dashv$        |
| <b>—</b>    | 100      | $\dashv$   |          | <u> </u>       | -        | Н                 | -        | $\dashv$       |              | $\dashv$        |
| 1           | 100      | - 1  |          |                |          | 1                 |          | - 1            |              | 1               |

| Cl       | aim        | Date         |            |  |              |           |              |                |  |          |
|----------|------------|--------------|------------|--|--------------|-----------|--------------|----------------|--|----------|
|          |            | T            | Τ          |  | Τ            | Ī         | Ť            | Τ              | Τ  | $\Box$   |
| Final    | Original   |              |            |  |              |           |              |                |  |          |
|          | 101        |              |            |  | 1            |           | $\top$       |                |  |          |
|          | 102        |              |            |  | L            |           | T            | Т              |  |          |
|          | 103        |              |            | L  |              |           | L            | $\prod$        |  |          |
|          | 104        | $oxed{oxed}$ |            |  |              | $\perp$   |              | L              |  |          |
|          | 105        | Ь.           | lacksquare | _  | L            | $\perp$   | ↓            | L.             | ot   |          |
|          | 106        | ┡            | _          | ļ  | ļ            | ╙         | ↓_           | L              | _  |          |
| <u> </u> | 107        | ┢            | ┼          | ╄.   | -            | 4_        | ↓_           | $\perp$        | ↓_   |          |
| <u> </u> | 108<br>109 | $\vdash$     | ⊢          | ┼  | ╆            | $\perp$   | 1            | 1              | ـــــ  | Щ        |
|          | 110        | ├            | ╁          | $\vdash$   | ╀            | ╁         | ┼            | +              | -  | +        |
| <u> </u> | 111        | ⊢            | ┼          | ╁  | ╁            | ╂         |              | +              | ┼┈   | $\vdash$ |
|          | 112        | ┢            | ╁~         | ╁  | ╁╴           | ╁         | ╁            | $\vdash$       | ╁  | $\vdash$ |
|          | 113        | ┢            | $\vdash$   | +  | +-           | +         | ╁            | +              | $\vdash$   | $\vdash$ |
|          | 113<br>114 |              | H          | +  | $\vdash$     | 1         | +            | +              | $\vdash$   | $\vdash$ |
|          | 115        |              | t          | ┢  | +            | 1         | +-           | $\vdash$       | 1  | $\vdash$ |
|          | 116        |              | <u> </u>   | $\vdash$   |              | T         | T            | 1              | ├-   | $\vdash$ |
|          | 117        | Г            |            | 1-   | Т            |           | 1            | ╆              | t  | $\Box$   |
|          | 118        |              | 1          | Г  | T            | $\dagger$ | <b>†</b>     | $\vdash$       | <del>                                     </del> | T        |
|          | 119        |              | Π          |  |              |           | Τ.           |                | T  |          |
|          | 120        |              |            |  |              |           | Τ            |                | 1  |          |
|          | 121        |              |            |  | $\Box$       |           |              |                |  |          |
|          | 122        | L            | L          |  | L.           | L         |              |                |  |          |
|          | 123<br>124 |              | L          | <u> </u>   | ļ            |           |              |                |  |          |
|          | 124        | _            | L          | ļ  | <u>L</u>     | L         | <u> </u>     | _              | L  | Ш        |
|          | 125        | L            | _          | <u> </u>   | $\vdash$     | ↓_        | <u> </u>     | <u> </u>       |  | Ц        |
|          | 126<br>127 |              | ├—         | <u> </u>   |              | -         | <b>├</b>     | ┡              | _  | Ш        |
|          | 127        | <del> </del> | -          |  | <b>├</b> ─   | -         | ⊢            | ├              | _  | Ш        |
|          | 129        | <del> </del> | ┢          | ┢  | -            | -         | ⊢            | ├              | ⊢  | -        |
|          | 130        |              |            | -  | ⊢            | ┢         | ┼—           | ├-             | ⊢  | Н        |
|          | 131        |              | -          |  | ⊢            | ├         | ┼            | ⊢              | -  |          |
|          | 132        | _            | $\vdash$   |  | $\vdash$     | ⊢         |              |                |  | Н        |
|          | 133        | -            | $\vdash$   | <del>                                     </del> | $\vdash$     | <u> </u>  | $\vdash$     | -              | _  | H        |
|          | 134        |              | -          |  | <del> </del> | ┢┈        |              | <del>  -</del> | $\vdash$   |          |
|          | 135        |              |            |  | $\vdash$     |           | H            | $\vdash$       |  |          |
|          | 136        |              |            |  |              |           |              |                |  |          |
|          | 137        |              |            |  |              |           |              |                |  | Ħ        |
|          | 138        |              |            |  |              |           |              |                |  |          |
|          | 139        |              |            |  |              |           |              |                |  |          |
|          | 140        |              |            |  | _            | _         |              |                |  |          |
|          | 141        |              |            |  |              | L         | $oxed{oxed}$ |                |  |          |
|          | 142        |              | ļ          | L.,  |              |           | L.,          |                |  | $\Box$   |
|          | 143        | _            |            |  |              | L         |              |                |  |          |
|          | 144<br>145 | _            | _          |  |              |           | <u> </u>     | $\vdash$       |  | 4        |
|          | 146        | $\dashv$     | _          | $\vdash$   |              |           | <u> </u>     | $\sqcup$       | _  | _        |
| -        | 147        | -            |            | $\vdash$   |              | _         |              | $\vdash\dashv$ | $\dashv$   | _        |
|          | 148        |              | -          |  | _            | H         | $\vdash$     |                |  |          |
| -        | 149        | -            | -          |  | -            | <u> </u>  | $\vdash$     | -              | -1   |          |
|          | 150        | -            |            | $\dashv$   |              |           | $\vdash$     | -1             | $\dashv$   | $\dashv$ |
|          | 100        |              |            |  |              |           | Ll           | $\Box$         |  |          |